ABSTRACT OF THE DISCLOSURE

1   A path searcher of a spread spectrum includes a number of correlators

2   each of which produces a replica of a scrambled synchronization code and

3   determines a correlation value between the replica and a received spread

4   spectrum signal. Each of the correlators performs a correlation operation

5   between the received spread spectrum signal and the replica at a rate higher

6   than a chip rate of the spread spectrum signal by successively shifting the

7   replica with respect to the spread spectrum signal.